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DEFENSE INTELLIGENCE AGENCY
WASHINGTON, D. C. 20301

L Rall

MEMORANDUM FOR THE CHAIRMAN, COMIREX

SUBJECT: Changes in Draft COMIREX Paper to NRO on MC&G Requirements

1. This paper expresses coordinated DoD statements relative the draft COMIREX paper received by Colonel Rall and COMIREX on 21 September 1967. The paper is identified as a memorandum to the Director, NRO Staff, subject, "Request for Data Applicable to Mapping, Charting and Geodesy Requirement", undated. Specific comments were concluded after discussion with Army and Air Force COMIREX MC&G Working Group members and are set forth as enclosure 1.
2. It was concluded, in general terms, that the interests of the DoD would best be served by excluding details about costs, etc. relating to the mapping and charting problem. It was felt that the mapping and charting requirement has been on record for 15 months, and matters concerning it should not be incorporated in a paper which asks the NRO to propose solutions to the geodetic positioning problem.

For

Robert L. Rall
LLOYD L. RALL
Colonel, USA
Chairman, COMIREX MC&G
Working Group

1 Enclosure a/s

DIA and NRO review(s)
completed.

SPECIFIC COMMENTS

1. Keep subject and reference as stated in original draft, but replace paragraph 1 with 2 full paragraphs as stated below:

"1. Above reference sets forth USIB approved requirements for image forming satellites to meet the requirements of both mapping and charting and world-wide geodetic positioning. While it is understood that development action is already underway to meet the mapping and charting requirement in referenced document, this memorandum is intended to set forth actions required in support of geodetic positioning requirement.

"2. COMIREX recently has been advised by the mapping, charting and geodesy community that the present world-wide geodetic requirements, principally for target positioning, cannot be fulfilled with satellite data obtained and analyzed to date."

2. Make paragraph 2 of the draft memorandum a new paragraph 3, except modify as follows:

a. Omit the phrase in first sentence, "with respect to the former".

b. Add to paragraph 2 of the draft memorandum the following sentences:

"The J-3 system has not yet been analyzed. However, in view of the time required to accumulate adequate J-3 materials for evaluation, it is desirable to concurrently study alternative means of achieving the required accuracy. Further information is provided in paragraphs 1 through 6 of the memorandum to Chairman, COMIREX, subject, "MC&G Requirements for Image Forming Satellites", dated 24 July 1967, and signed by Chairman, COMIREX

MC&G Working Group. A copy of the memorandum is attached."

3. Omit all of paragraph 3 of the draft memorandum.
4. Replace paragraph 4 of the draft memorandum with a new paragraph 4 as follows: "Toward meeting the geodetic positioning requirement, the following actions are requested, to be completed within 60 to 90 days.

"a. Studies be accomplished within the field of covert satellite systems to define proposals that would meet the world-wide positioning requirement by 1970, including costs, development and effects that each proposal would have on primarily system activity.

"b. Consult with the technical representatives of the COMIREX MC&G Working Group from the standpoint of evaluating alternate acquisition approaches from the MC&G utilization point of view.

"c. Cost and time considerations for NRO solutions for meeting the requirement be presented for review, evaluation, and recommendations by COMIREX."